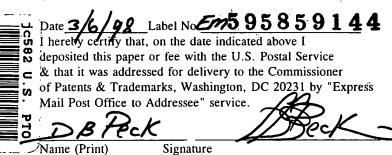
EXPRESS MAIL CERTIFICATE





File No.: 1225/0C675-US2

DARBY & DARBY P.C. 805 Third Avenue New York, New York 10022 212-527-7700

REISSUE OF US PATENT NO. 5,290,551 TO BERD

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

Enclosed is an application for a reissue of United States Patent No. 5,290,551 to Berd, entitled "TREATMENT OF MELANOMA WITH A VACCINE COMPRISING IRRADIATED AUTOLOGOUS MELANOMA TUMOR CELLS CONJUGATED TO A HAPTEN." The patent issued March 1, 1994, and is assigned to Thomas Jefferson University, Philadelphia, P.A. The reissue application includes:

- 1. Specification and 2 original claims
- 2. Preliminary Amendment
- 3. Declaration by Inventor under 37 C.F.R. §1.175
- 4. Assent to Reissue by Assignee Thomas Jefferson University
- 5. Offer to Surrender the Original Letters Patent by Assignee (37 C.F.R. §1.178) and a Submission Establishing Ownership under 37 C.F.R. §3.73(b)
- 6. Powers of Attorney by Inventor
- 7. Powers of Attorney by Assignee

Docket No. 1225/0C675-US2

Application for Reissue of United States Patent No. 5,290,551

Page 2



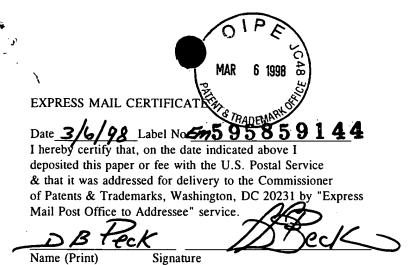
Check in the amount of \$ 790.00 (\$790.00 filing fee). This fee covers 2 independent claim (1 original and 1 new) and 18 dependent claims (1 original and 17 new). The Commissioner is authorized to charge any deficiency in this amount or to credit any overpayment to Deposit Account No. 04-0100.

Respectfully submitted,

Nada Jain, Ph.D

Registration No. 41,431 Attorney for Applicant(s)

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1225/0C675-US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David BERD

Serial No.:

Not Yet Assigned (For Reissue of U.S. Patent No. 5,290,551)

Filed:

Concurrently Herewith

For:

TREATMENT OF MELANOMA WITH A VACCINE COMPRISING IRRADIATED AUTOLOGOUS MELANOMA

TUMOR CELLS CONJUGATED TO A HAPTEN

Assignee:

Thomas Jefferson University

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

REISSUE SPECIFICATION AND CLAIMS

Sir:

Attached is a column-by-column copy of U.S. Patent No. 5,290,551 for "TREATMENT OF MELANOMA WITH A VACCINE COMPRISING IRRADIATED AUTOLOGOUS MELANOMA TUMOR CELLS CONJUGATED TO A HAPTEN" granted to David Berd on March 1, 1994.